10/729,416

STN- STRUCTURE SEARCH 9-13-04

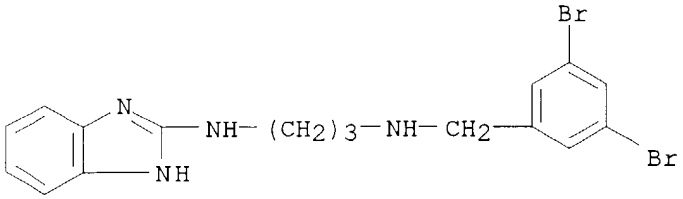
=> d ibib abs hitstr 1-23

L4 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:523287 CAPLUS
DOCUMENT NUMBER: 141:167232
TITLE: Definition of the heterocyclic pharmacophore of bacterial methionyl tRNA synthetase inhibitors: potent antibacterially active non-quinolone analogues
AUTHOR(S): Jarvest, Richard L.; Armstrong, Sula A.; Berge, John M.; Brown, Pamela; Elder, John S.; Brown, Murray J.; Copley, Royston C. B.; Forrest, Andrew K.; Hamprecht, Dieter W.; O'Hanlon, Peter J.; Mitchell, Darren J.; Rittenhouse, Stephen; Witty, David R.
CORPORATE SOURCE: New Frontiers Science Park, GlaxoSmithKline, Essex, CM19 5AW, UK
SOURCE: Bioorganic & Medicinal Chemistry Letters (2004), 14(15), 3937-3941
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

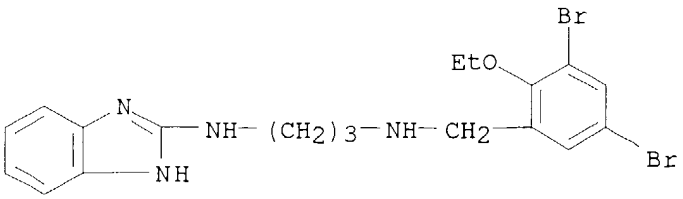
AB Potent inhibitors of bacterial methionyl tRNA synthetase (MRS) have previously been reported. Through SAR of the quinolone moiety, the right hand side pharmacophore for MRS inhibition has now been defined as an NH-C-NH functionality in the context of a bicyclic heteroarom. system. Potent antibacterial fused-pyrimidone and fused-imidazole analogs have been obtained and enantioselective activity demonstrated. Compound 46 demonstrated very good antibacterial activity against panels of antibiotic-resistant staphylococci and enterococci.

IT **309717-89-3 309717-90-6 309717-97-3**
309717-98-4 709615-37-2 733053-79-7
RL: PAC (Pharmacological activity); BIOL (Biological study)
(heterocyclic pharmacophores of bacterial methionyl tRNA synthetase inhibitors as potent antibacterially active non-quinolone analogs)

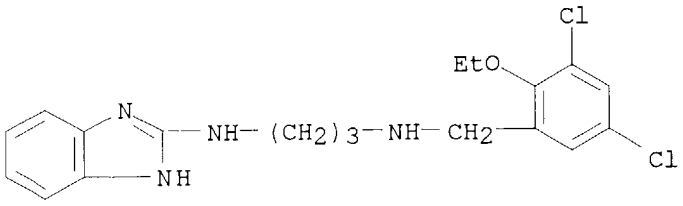
RN 309717-89-3 CAPLUS
CN 1,3-Propanediamine, N-1H-benzimidazol-2-yl-N'-[(3,5-dibromophenyl)methyl]- (9CI) (CA INDEX NAME)



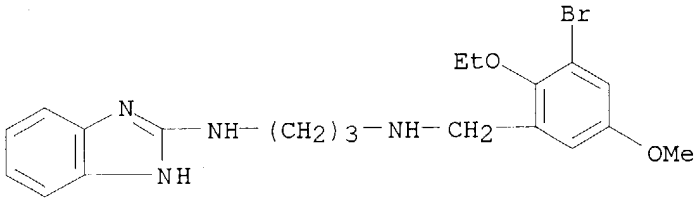
RN 309717-90-6 CAPLUS
CN 1,3-Propanediamine, N-1H-benzimidazol-2-yl-N'-[(3,5-dibromo-2-ethoxyphenyl)methyl]- (9CI) (CA INDEX NAME)



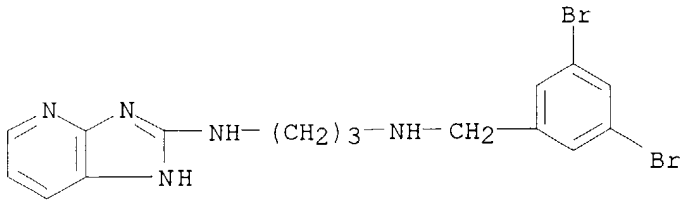
RN 309717-97-3 CAPLUS
CN 1,3-Propanediamine, N-1H-benzimidazol-2-yl-N'-[(3,5-dichloro-2-ethoxyphenyl)methyl]- (9CI) (CA INDEX NAME)



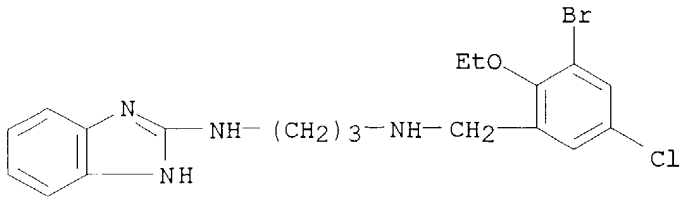
RN 309717-98-4 CAPLUS
CN 1,3-Propanediamine, N-1H-benzimidazol-2-yl-N'-[(3-bromo-2-ethoxy-5-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)



RN 709615-37-2 CAPLUS
CN 1,3-Propanediamine, N-[(3,5-dibromophenyl)methyl]-N'-1H-imidazo[4,5-b]pyridin-2-yl- (9CI) (CA INDEX NAME)



RN 733053-79-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



Duplicates

L4 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:513484 CAPLUS
DOCUMENT NUMBER: 141:71545
TITLE: Preparation of 2-aminoheteroarylimidazoles with

antibacterial activity

INVENTOR(S): Berge, John; Forrest, Andrew; Hamprecht, Dieter; Jarvest, Richard

PATENT ASSIGNEE(S): Replidyne, Inc., USA

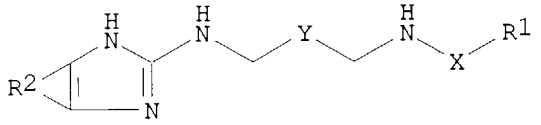
SOURCE: PCT Int. Appl., 61 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

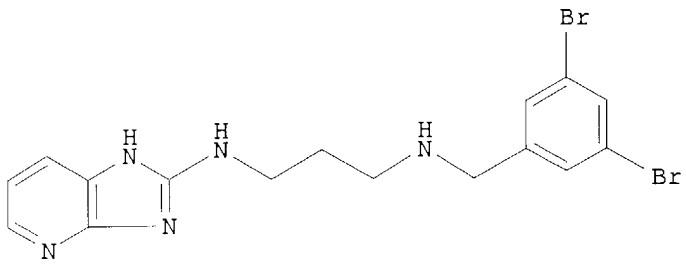
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004052288	A2	20040624	WO 2003-US38729	20031205
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004147548	A1	20040729	US 2003-729416	20031205
PRIORITY APPLN. INFO.:			GB 2002-28545 A	20021206

OTHER SOURCE(S): MARPAT 141:71545

GI

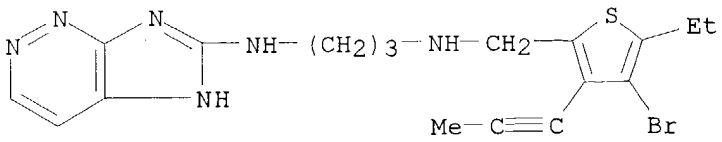


I



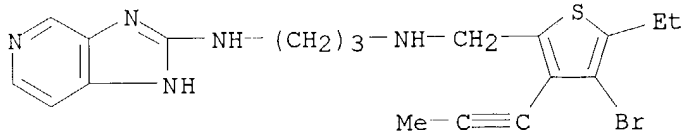
II

AB Title compds. I [R1 = (un)substituted (hetero)aryl; R2 = residue of a (un)substituted 5-6 membered heteroaryl ring; X = CH2, CHR3; R3 = alkyl or is linked to the ortho position of a (hetero)aryl ring of R1; Y = (cyclo)alkylene] are prepared For instance, 2-Methanesulfanyl-1H-imidazo[4,5-b]pyridine (preparation given) is reacted with N-(3,5-dibromobenzyl)propane-1,3-diamine (125°, 4 h) to give II. Selected examples have IC50 = <3 to 200 nM against S. aureus methionyl tRNA

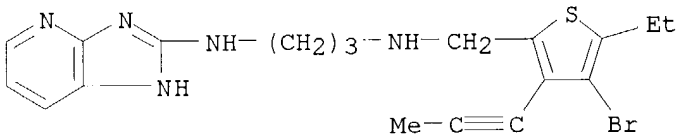


●2 HCl

RN 709616-09-1 CAPLUS
CN 1,3-Propanediamine, N-[[4-bromo-5-ethyl-3-(1-propynyl)-2-thienyl]methyl]-N'-1H-imidazo[4,5-c]pyridin-2-yl- (9CI) (CA INDEX NAME)



RN 709616-10-4 CAPLUS
CN 1,3-Propanediamine, N-[[4-bromo-5-ethyl-3-(1-propynyl)-2-thienyl]methyl]-N'-1H-imidazo[4,5-b]pyridin-2-yl- (9CI) (CA INDEX NAME)



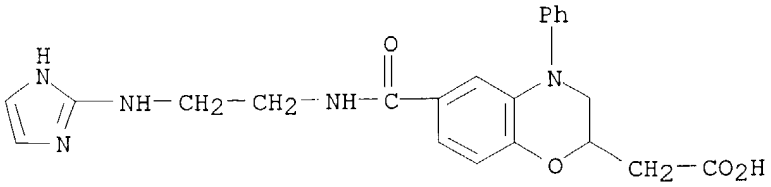
L4 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:282116 CAPLUS
DOCUMENT NUMBER: 138:304291
TITLE: New benzoxazine derivatives useful as αvβ3 integrin receptor antagonists
INVENTOR(S): Vianello, Paola; Bandiera, Tiziano; Varasi, Mario
PATENT ASSIGNEE(S): Italy
SOURCE: U.S. Pat. Appl. Publ., 37 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003069236	A1	20030410	US 2001-924732	20010808
PRIORITY APPLN. INFO.:			US 2001-924732	20010808

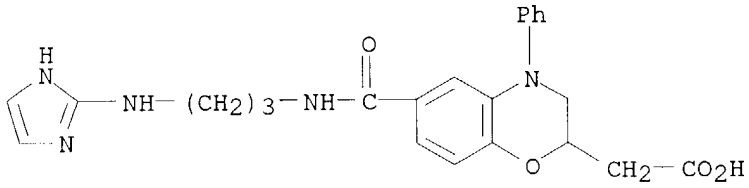
OTHER SOURCE(S): MARPAT 138:304291
GI

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of benzoxazine derivs. as selective αvβ3 integrin receptor antagonists)

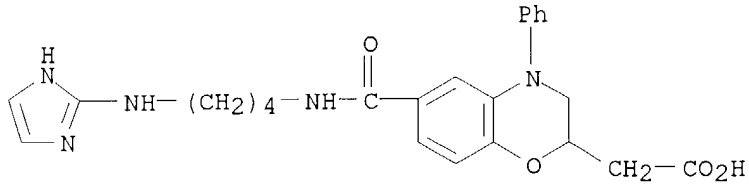
RN 508183-29-7 CAPLUS
CN 2H-1,4-Benzoxazine-2-acetic acid, 3,4-dihydro-6-[[[2-(1H-imidazol-2-ylamino)ethyl]amino]carbonyl]-4-phenyl- (9CI) (CA INDEX NAME)



RN 508183-30-0 CAPLUS
CN 2H-1,4-Benzoxazine-2-acetic acid, 3,4-dihydro-6-[[[3-(1H-imidazol-2-ylamino)propyl]amino]carbonyl]-4-phenyl- (9CI) (CA INDEX NAME)



RN 508183-31-1 CAPLUS
CN 2H-1,4-Benzoxazine-2-acetic acid, 3,4-dihydro-6-[[[4-(1H-imidazol-2-ylamino)butyl]amino]carbonyl]-4-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:905852 CAPLUS
DOCUMENT NUMBER: 138:11404
TITLE: CXCR4 antagonistic drugs comprising nitrogen-containing compounds
INVENTOR(S): Yanaka, Mikiro; Yamazaki, Toru; Bannai, Kenji; Hirose, Kunitaka
PATENT ASSIGNEE(S): Kureha Chemical Industry Co., Ltd., Japan
SOURCE: PCT Int. Appl., 227 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2002094261	A1	20021128	WO 2002-JP4846		20020520
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
EP 1389460	A1	20040218	EP 2002-771732		20020520
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
US 2004157818	A1	20040812	US 2004-478290		20040116
PRIORITY APPLN. INFO.:			JP 2001-154904	A	20010524
			WO 2002-JP4846	W	20020520

OTHER SOURCE(S): MARPAT 138:11404

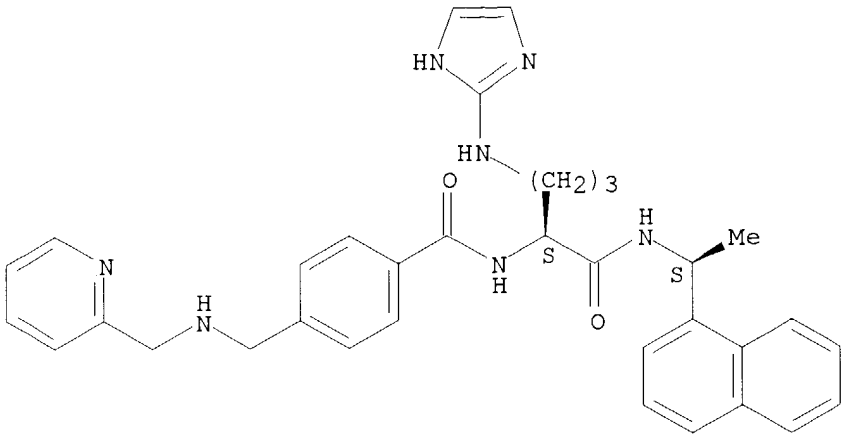
AB Claimed are CXCR4 antagonist drugs containing N-containing compds. A1(CH2)nWxCH[(CH2)mA2]yD (A1 and A2 represents each guanidino, A3B1NR1, etc.; A3 represents a monocyclic or polycyclic aromatic heterocycle having 1 or 2 hetero atoms; B1 represents a single bond or alkylene; and R1 represents hydrogen or alkyl; W represents C2-3 alkylene, C5-10 cycloalkylene, C6-10 aromatic cycle or C5-10 aromatic heterocycle; y is CO; x is CONH; n is an integer of 1 or 2; m is an integer of 2 or 3; and D is selected from among various substituents) or pharmacol. acceptable salts thereof as active ingredients. The bioactivities and toxicity of the title compds. were demonstrated. The title compds. are remedies for rheumatism, cancer metastasis, etc. Formulations are given.

IT **477558-43-3P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(CXCR4 antagonistic drugs comprising nitrogen-containing compds. and preparation of said compds.)

RN 477558-43-3 CAPLUS

CN Benzamide, N-[(1S)-4-(1H-imidazol-2-ylamino)-1-[[[(1S)-1-(1-naphthalenyl)ethyl]amino]carbonyl]butyl]-4-[[(2-pyridinylmethyl)amino]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

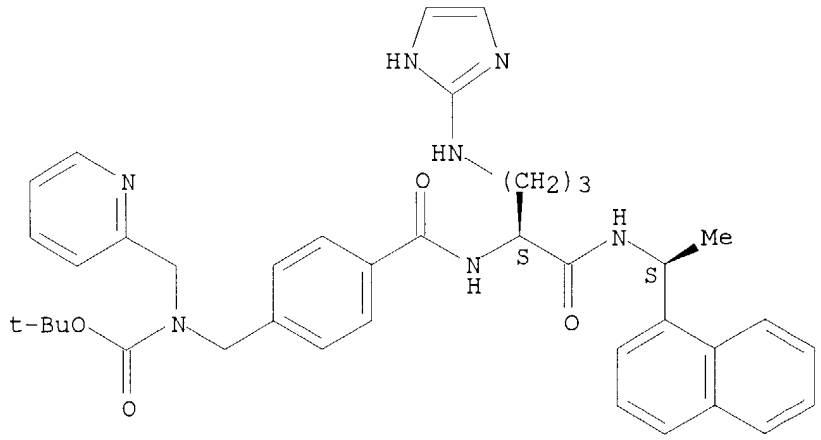
Absolute stereochemistry.



● x HCl

IT **369656-63-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(CXCR4 antagonistic drugs comprising nitrogen-containing compds. and preparation
of said compds.)
RN 369656-63-3 CAPLUS
CN Carbamic acid, [[4-[[[(1S)-4-(1H-imidazol-2-ylamino)-1-[[[(1S)-1-(1-naphthalenyl)ethyl]amino]carbonyl]butyl]amino]carbonyl]phenyl]methyl](2-pyridinylmethyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

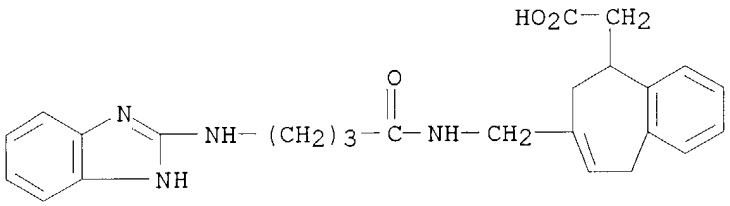
L4 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:808823 CAPLUS
DOCUMENT NUMBER: 138:254937
TITLE: Substituted benzocycloheptenes as potent and selective αv integrin antagonists

AUTHOR(S): Perron-Sierra, Francoise; Saint Dizier, Dominique; Bertrand, Marc; Genton, Annie; Tucker, Gordon C.; Casara, Patrick
CORPORATE SOURCE: Institut de Recherches Servier, 125 chemin de Ronde, Croissy sur Seine, 78290, Fr.
SOURCE: Bioorganic & Medicinal Chemistry Letters (2002), 12(22), 3291-3296
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:254937

AB A novel series of potent and specific αv integrin antagonists has been obtained by aminoalkyl substitutions on benzocycloheptene acetic acids as a rigid GD bioisostere. Some the preferred compds. showed nano- to subnanomolar IC50 values on αvβ3 and αvβ5 integrins, with favorable pharmacokinetics.

IT **439609-80-0P**
RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of substituted benzocycloheptenes via aminoalkyl substitutions on benzocycloheptene acetic acids and their activities as potent and selective αv integrin antagonists)

RN 439609-80-0 CAPLUS
CN 5H-Benzocycloheptene-5-acetic acid, 7-[[[4-(1H-benzimidazol-2-ylamino)-1-oxobutyl]amino]methyl]-6,9-dihydro- (9CI) (CA INDEX NAME)

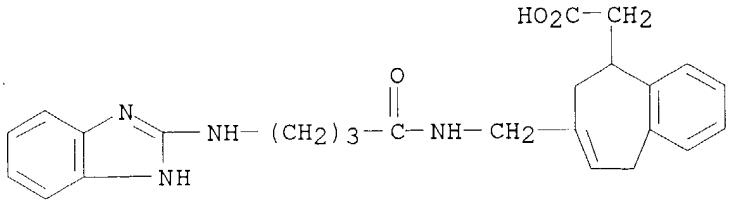


REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:536464 CAPLUS
DOCUMENT NUMBER: 137:63182
TITLE: Novel bicyclic vitronectin-receptor antagonists, e.g., bicycloheptene and benzazepine derivatives, and their preparation, and pharmaceuticals containing them
INVENTOR(S): Casara, Patrick; Perron, Sierra Francoise; Atassi, Ghanem; Tucker, Gordon; Saint, Dizier Dominique
PATENT ASSIGNEE(S): Adir et Compagnie, Fr.
SOURCE: Fr. Demande, 74 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

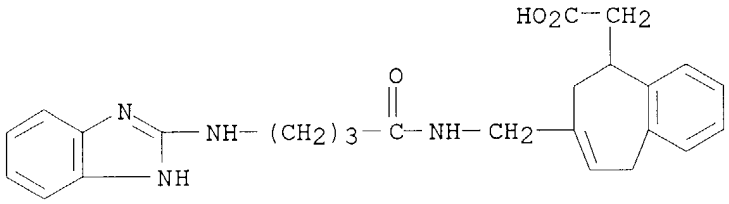
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2806082	A1	20010914	FR 2000-2902	20000307
FR 2806082	B1	20020517		
WO 2001079172	A1	20011025	WO 2001-FR650	20010306

CN 5H-Benzocycloheptene-5-acetic acid, 7-[[[4-(1H-benzimidazol-2-ylamino)-1-oxobutyl]amino]methyl]-6,9-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 439609-80-0 CAPLUS
CN 5H-Benzocycloheptene-5-acetic acid, 7-[[[4-(1H-benzimidazol-2-ylamino)-1-oxobutyl]amino]methyl]-6,9-dihydro- (9CI) (CA INDEX NAME)

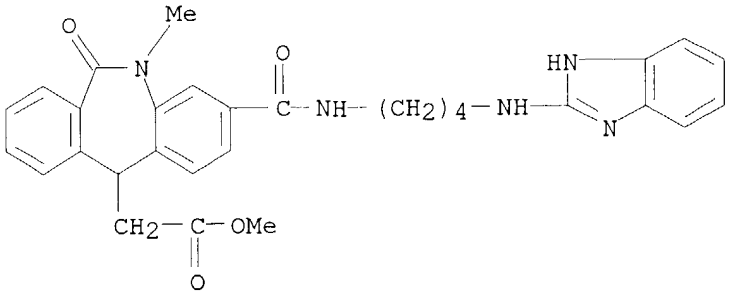


L4 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:142712 CAPLUS
DOCUMENT NUMBER: 136:200186
TITLE: Preparation of dibenzo[b,e]azepines as αVβ3 integrin ligands
INVENTOR(S): Geneste, Herve; Kling, Andreas; Lauterbach, Arnulf; Graef, Claudia Isabella; Subkowski, Thomas; Hornberger, Wilfried
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 157 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

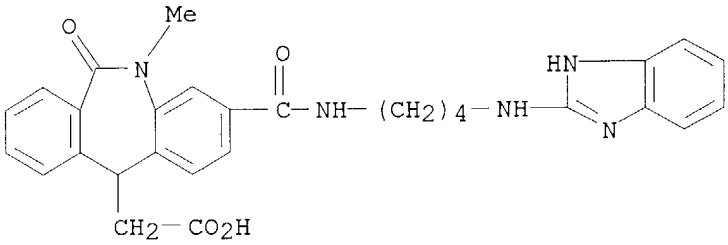
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002014320	A2	20020221	WO 2001-EP9224	20010809
WO 2002014320	A3	20020725		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,

(9CI) (CA INDEX NAME)



RN 400712-83-6 CAPLUS
CN 5H-Dibenz[b,e]azepine-11-acetic acid, 3-[[[4-(1H-benzimidazol-2-ylamino)butyl]amino]carbonyl]-6,11-dihydro-5-methyl-6-oxo- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:780851 CAPLUS
DOCUMENT NUMBER: 135:344724
TITLE: Preparation of amino acid amide and dipeptide derivatives and antiviral drugs containing the same
INVENTOR(S): Yamazaki, Toru; Maruoka, Hiroshi; Suzuki, Shigeru; Mukade, Tsutomu; Hirose, Kunitaka; Yanaka, Mikiro; Yamamoto, Naoki
PATENT ASSIGNEE(S): Kureha Chemical Industry Co., Ltd., Japan
SOURCE: PCT Int. Appl., 226 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001079168	A1	20011025	WO 2001-JP3123	20010411

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

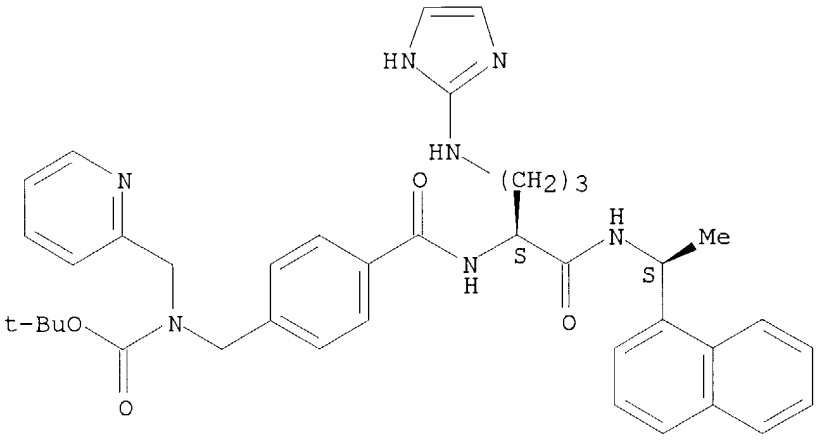
one using sodium cyanoborohydride in methanol, followed by treatment with HCl to give (2S)-2-[[4-[[(1-methylimidazol-2-yl)amino]methyl]benzoyl]amino]-5-(5,6,7,8-tetrahydroquinolin-8-ylamino)valeric acid N-[(1S)-1-(1-naphthyl)ethyl]amide hydrochloride (I.xHCl). I.xHCl in vitro EC50 of 0.025 μM for inhibiting the cell injury of MT-4 cells infected with HIV-1IIIB. A tablet formulation containing Nα-[4-(N-2-picolylaminomethyl)-1-naphthylcarbonyl]-L-arginyl-D-3-(1-naphthyl)alanine was prepared

IT **369656-63-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of amino acid amide and dipeptide derivs. as antiretroviral drugs for treatment of AIDS)

RN 369656-63-3 CAPLUS

CN Carbamic acid, [[4-[[[(1S)-4-(1H-imidazol-2-ylamino)-1-[[[(1S)-1-(1-naphthalenyl)ethyl]amino]carbonyl]butyl]amino]carbonyl]phenyl]methyl](2-pyridinylmethyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

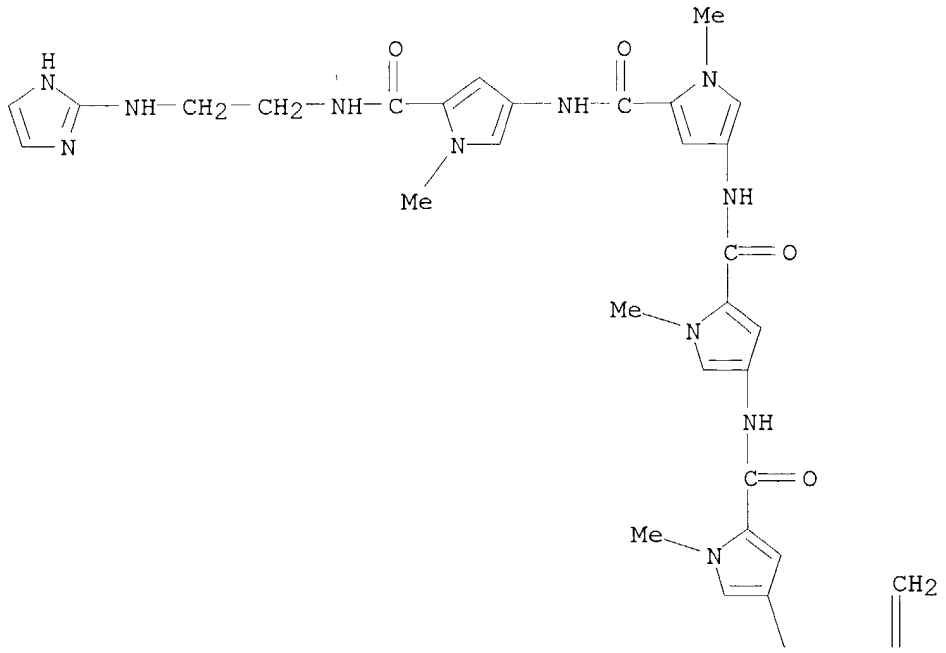


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

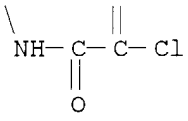
L4 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:416897 CAPLUS
DOCUMENT NUMBER: 135:19915
TITLE: Preparation of acryloyl peptidic derivatives as antitumor agents
INVENTOR(S): Cozzi, Paolo; Beria, Italo; Caldarelli, Marina; Geroni, Maria Cristina Rosa; Baraldi, Pier Giovanni; Romagnoli, Romeo
PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A., Italy
SOURCE: PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001040181	A1	20010607	WO 2000-EP11714	20001123
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				

PAGE 1-A



PAGE 2-A

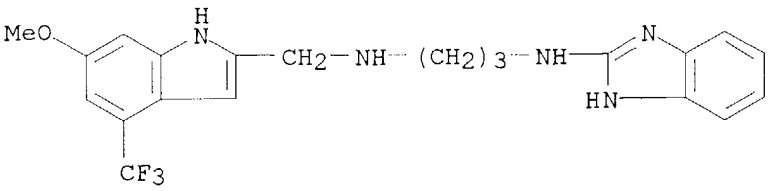


REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

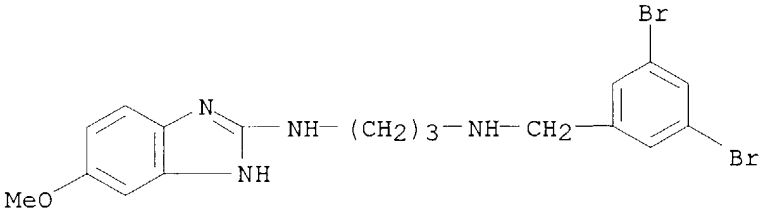
L4 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2000:842117 CAPLUS
DOCUMENT NUMBER: 134:17491
TITLE: Preparation of 2-aminobenzimidazoles as methionyl t-RNA synthetase inhibitors
INVENTOR(S): Elder, John Stephen; Forrest, Andrew Keith; Frydrych, Catherine Simone Victoire; Jarvest, Richard Lewis
PATENT ASSIGNEE(S): Smithkline Beecham PLC, UK
SOURCE: PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000071522	A1	20001130	WO 2000-EP4435	20000516

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,



RN 309718-01-2 CAPLUS
CN 1,3-Propanediamine, N-[(3,5-dibromophenyl)methyl]-N'-(5-methoxy-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2000:535124 CAPLUS
DOCUMENT NUMBER: 133:150909
TITLE: Preparation of novel hydroxyamidino carboxylate derivatives useful as nitric oxide synthase inhibitors
INVENTOR(S): Webber, R. Keith; Rueppel, Melvin L.; Hansen, Donald W., Jr.; Hallinan, E. Ann; Hagen, Timothy J.
PATENT ASSIGNEE(S): G.D. Searle and Co., USA
SOURCE: PCT Int. Appl., 291 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000044731	A1	20000803	WO 2000-US491	20000121

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

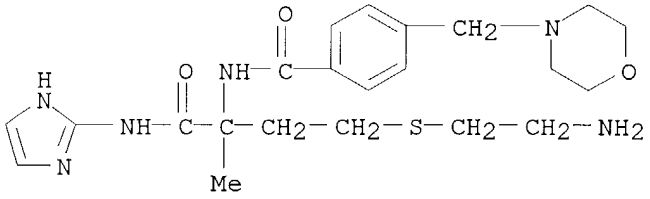
PRIORITY APPLN. INFO.: US 1999-117381P P 19990127
OTHER SOURCE(S): MARPAT 133:150909
AB Amino acid derivs. Y-C(:NR3)NR4-X-CR8(NR1R2)CJ1J2-A-R7 [J1J2 = O, imino group, S, alkylenedioxy, etc. or J1, J2 are independently selected from OH, SH, NH2 or their substituted derivs.; A = O, imino group, S, heterocyclyl, etc.; R1, R2 = H, OH, SH or derivs. or R1 and R2 may form a ring; R3, R4 = H, OH, SH or derivs.; R7 = H, aryl, heteroaralkyl, hydroxy,

alkyl, amino, cyanoalkyl, etc.; R8 = H, alkyl, hydroxy-, halo-, alkoxy-, amino-, alkylamino-, alkylthio-, cyano- or sulfhydrylalkyl, formyl, etc.; Y = (un)substituted alkylene, alkenylene, or alkynylene, oxy- or arylenedialkylene, etc.; X = alkyl, alkoxyalkyl, cycloalkyl, alkylthioalkyl, amino group, etc. (with provisos)] were prepared as nitric oxide synthase inhibitors. Thus, L-N-(2-cyanoethyl)-N-(2-thiazolyl)-ε-N-(methoxyiminoethyl)-2-methyllysinamide dihydrochloride was synthesized and is one of 40 claimed compound

IT **287409-64-7P**
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of novel hydroxyamidino carboxylate derivs. useful as nitric oxide synthase inhibitors)

RN 287409-64-7 CAPLUS

CN Benzamide, N-[3-[(2-aminoethyl)thio]-1-[(1H-imidazol-2-ylamino)carbonyl]-1-methylpropyl]-4-(4-morpholinylmethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2000:314680 CAPLUS
DOCUMENT NUMBER: 132:322150
TITLE: Preparation of novel amino acid heterocyclic amide derivatives useful as nitric oxide synthase inhibitors
INVENTOR(S): Hansen, Donald W., Jr.; Hagen, Timothy J.; Hallinan, E. Ann; Pitzele, Barnett S.; Webber, R. Keith; Rueppel, Melvin L.
PATENT ASSIGNEE(S): USA
SOURCE: PCT Int. Appl., 172 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000026195	A1	20000511	WO 1999-US21468	19991020
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 1998-106514P P 19981030
OTHER SOURCE(S): MARPAT 132:322150

AB Amino acid heterocyclic amide derivs. R3N:CYNR4XCH(NR1R2)C(:J)B [J = O or

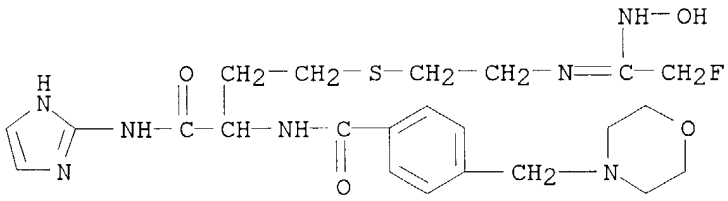
S; R1, R2 = H, alkyl, alkenyl, alkynyl, hydroxyl, sulfhydryl, OR6 or SR6, where R6 = (un)substituted alkyl, aryl, phosphonoalkylamino, natural or synthetic amino acids, etc. or R1 and R2 taken together form substituted imines; R3, R4 = H, alkyl, hydroxyl, sulfhydryl, OR6, SR6, CH2SO3-M+, CH2PO32-2M+, etc., where M+ is a pharmaceutically acceptable cation; X = alkylene, alkenylene, alkynylene, oxa- or thiaalkylene, etc.; Y = alkyl, alkenyl, alkynyl, alkoxyalkyl, cycloalkyl, cycloalkenyl, cycloalkenyloxy, alkenyloxyalkyl, alkylaminoalkyl, amino group; B = amino group] or their pharmaceutically acceptable salts were prepared as nitric oxide synthase inhibitors. Thus, N-(2-cyanoethyl)-N-(2-thiazolyl)-ε-N-(methoxyiminoethyl)-L-lysinamide dihydrochloride was prepared from protected L-lysine, N-(2-cyanoethyl)-2-aminothiazole, and O-Me chloroacetaldoxime.

IT **266363-66-0P**

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of novel amino acid heterocyclic amide derivs. useful as nitric oxide synthase inhibitors)

RN 266363-66-0 CAPLUS

CN Benzamide, N-[3-[[2-[[2-fluoro-1-(hydroxyamino)ethylidene]amino]ethyl]thio]-1-[(1H-imidazol-2-ylamino)carbonyl]propyl]-4-(4-morpholinylmethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:429276 CAPLUS

DOCUMENT NUMBER: 131:193715

TITLE: Orally bioavailable nonpeptide vitronectin receptor antagonists containing 2-aminopyridine arginine mimetics

AUTHOR(S): Keenan, Richard M.; Miller, William H.; Barton, Linda S.; Bondinell, William E.; Cousins, Russell D.; Eppley, Daniel F.; Hwang, Shing-Mei; Kwon, Chet; Lago, M. Amparo; Nguyen, Thomas T.; Smith, Brian R.; Uzinskas, Irene N.; Yuan, Catherine C. K.

CORPORATE SOURCE: Research & Development Division, Smithkline Beecham Pharmaceuticals, Collegeville, PA, 19426-0989, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (1999), 9(13), 1801-1806
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB A peptide RGD analog containing a novel 2-aminopyridine arginine mimetic was discovered to have good affinity and selectivity for the vitronectin receptor. Incorporation of the 2-aminopyridine arginine mimetic into the 3-oxo-1,4-benzodiazepine-2-acetic acid integrin antagonist series led to novel and potent nonpeptide vitronectin receptor antagonists with promising levels of oral bioavailability.

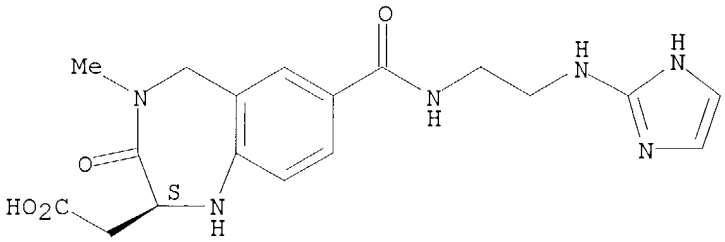
IT **241479-08-3P**

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); PROC (Process)
(orally bioavailable nonpeptide vitronectin receptor antagonists containing 2-aminopyridine arginine mimetics)

RN 241479-08-3 CAPLUS

CN 1H-1,4-Benzodiazepine-2-acetic acid, 2,3,4,5-tetrahydro-7-[[[2-(1H-imidazol-2-ylamino)ethyl]amino]carbonyl]-4-methyl-3-oxo-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1996:494173 CAPLUS

DOCUMENT NUMBER: 125:143330

TITLE: Peptide compounds for prevention and/or treatment of nitric oxide (NO)-mediated diseases

INVENTOR(S): Itoh, Yoshikuni; Iwamoto, Toshiro; Yatabe, Takumi; Hamashima, Hitoshi; Inoue, Takayuki; Hashimoto, Seiji; Oku, Teruo

PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 739 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

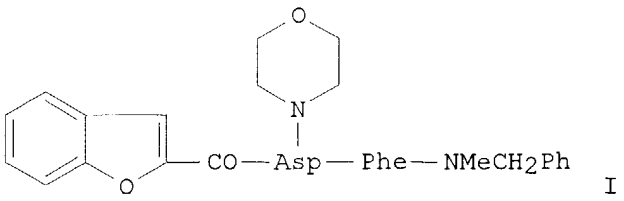
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9616981	A2	19960606	WO 1995-JP2428		19951129
WO 9616981	A3	19960906			
W: AU, CA, CN, FI, HU, JP, KR, MX, NO, NZ, RU, UA, US					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
AU 9539937	A1	19960619	AU 1995-39937		19951129
EP 796270	A2	19970924	EP 1995-938602		19951129
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE					
ZA 9510201	A	19960625	ZA 1995-10201		19951130
US 5932737	A	19990803	US 1997-849076		19970530
PRIORITY APPLN. INFO.:			GB 1994-24408	A	19941202
			GB 1995-4891	A	19950310
			GB 1995-10042	A	19950518
			WO 1995-JP2428	W	19951129

OTHER SOURCE(S): MARPAT 125:143330

GI



I

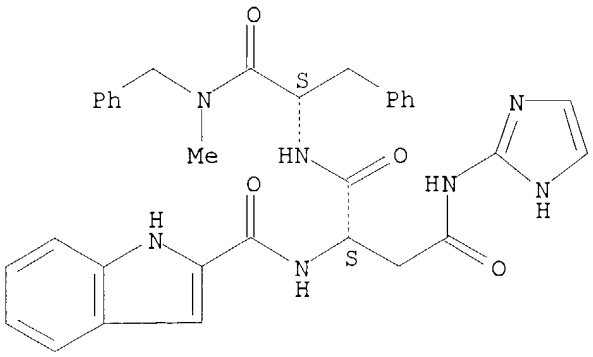
AB Peptides WA1NR8CH(A2T)CONR9CH(A3R3)R4 [W = alkyl, (un)substituted aryl or fluorenyl, etc.; A1 = alkylene, NHCO, CO, CS, SO2; A2 = alkylene; T = H, aryl, heterocyclyl, OH, etc.; R8 = H, alkyl; R8 may link with A2T to form CH2C6H4CH2-o (Q); A3 = bond, alkylene; R3 = H, aryl, OH, etc.; R9 = H, alkyl or may link with A3R3 to form Q; R4 = CO2H, protected carboxy, carboxamido, etc. or CH(A3R3)R4 = N-alkyl-2-oxoquinoline moiety] or their pharmaceutically acceptable salts were prepared for use as medicaments. Thus, dipeptide I was prepared by acylation of aspartylphenylalaninamide derivative with 2-benzofurancarboxylic acid. I and six other peptides showed 100% inhibition of NO production in tests of murine macrophage cells.

IT **179878-69-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of peptides for prevention and/or treatment of nitric oxide-mediated diseases)

RN 179878-69-4 CAPLUS

CN L-Phenylalaninamide, N-1H-imidazol-2-yl-N2-(1H-indol-2-ylcarbonyl)-L-asparaginyl-N-methyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:959348 CAPLUS

DOCUMENT NUMBER: 124:175997

TITLE: The discovery of a series of new non-indole 5HT1D agonists

AUTHOR(S): Van Lommen, Guy; De Bruyn, Marcel; Schroven, Marc; Verschueren, Wim; Janssens, Walter; Verrelst, Jan; Leysen, Josee

CORPORATE SOURCE: Janssen Res. Foundation, Beerse, 2340, Belg.

SOURCE: Bioorganic & Medicinal Chemistry Letters (1995), 5(22), 2649-54
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier

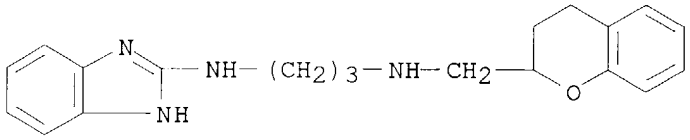
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The synthesis and SAR of a series of non-indole 5HT1D agonists is described. The most interesting mol. of this series is alniditan. It is active as a constrictor of the saphenous vein of the dog and of the pig basilar artery with ED50 values of 9.09 + 10-9M and 2.2 + 10-8M resp., and it has high affinities to the 5HT1D-receptor and to the 5HT1D-receptor with pKi values of 8.6 and 8.3 resp.

IT **173596-51-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and 5HT1D agonist activity of)

RN 173596-51-5 CAPLUS

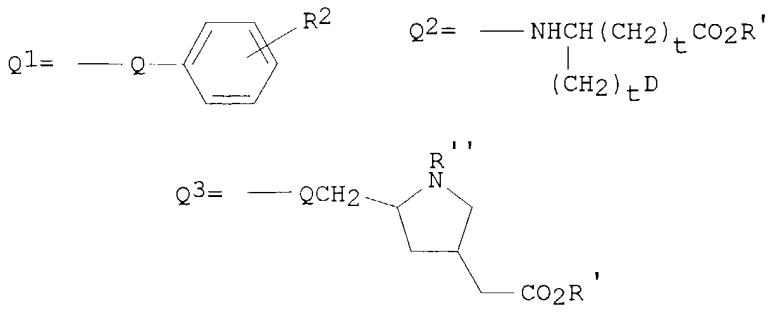
CN 1,3-Propanediamine, N-1H-benzimidazol-2-yl-N'-[(3,4-dihydro-2H-1-benzopyran-2-yl)methyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:682537 CAPLUS
DOCUMENT NUMBER: 123:84004
TITLE: Preparation of peptide analogs as fibrinogen receptor antagonists.
INVENTOR(S): Bondinell, William Edward; Callahan, James Francis; Huffman, William Francis; Keenan, Richard McCulloch; Metcalf, Brian Walter; Samanen, James; Yellin, Tobias Oregon
PATENT ASSIGNEE(S): SmithKline Beecham Corp., USA
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9414775	A1	19940707	WO 1993-US12530	19931222
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 677043	A1	19951018	EP 1994-905502	19931222
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08505846	T2	19960625	JP 1993-515438	19931222
CA 2124396	AA	19951127	CA 1994-2124396	19940526
ZA 9403779	A	19950209	ZA 1994-3779	19940530
US 5726192	A	19980310	US 1995-464728	19950808
PRIORITY APPLN. INFO.:			US 1992-999630 A	19921229
			WO 1993-US12530 W	19931222

OTHER SOURCE(S): MARPAT 123:84004
GI



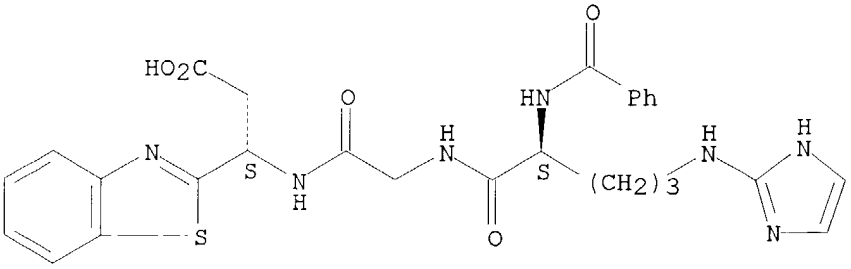
AB W-(CR'2)q-Z-(CR'R10)r-U-(CR'2)s-V-(Gly)n-(Asp)m-A [W = R'R''N, R'R''NR'N, R'R''NR'NCO, N-heterocyclyl, etc.; Z = (CH2)t, (substituted) aryl, heterocyclyl, cycloalkylene, NR'; U, V = null, CO, CR'2, CO2, CSO, CR'2O, N:N, etc.; A = Q1-Q3, etc.; R' = H, alkyl, cycloalkylalkyl, aralkyl; R'' = R', COR', etc.; R2 = null, alkyl, SR', NR'R'', alkoxy, OH, cyano, CF3, etc.; R10 = null, H, alkyl, NR'R''; D = alkyl, (substituted) cycloalkyl, aryl, heterocyclyl;Q = bond, CR'2, S, O, NH; m, n = 0,1; q, r = 0-3; s, t = 0-2], were prepared Thus, Nα-acetylcanavaninylglycylaspartylanilide was by solution phase methods from canavanine sulfate. Title compds. inhibited ADP-stimulated platelet aggregation with IC50 = 70-200 μM; they inhibited binding of [3H]-SKF 107260 to GPIIb-IIIa with Ki = 10-200 μM.

IT **165105-35-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptide analogs as fibrinogen receptor antagonists)

RN 165105-35-1 CAPLUS

CN β-Alanine, 3-(2-benzothiazolyl)-N-[N-[N2-benzoyl-N5-(1H-imidazol-2-yl)-L-ornithyl]glycyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:662328 CAPLUS

DOCUMENT NUMBER: 123:83996

TITLE: Preparation of amino acid derivatives as neuropeptide Y antagonists.

INVENTOR(S): Rudolf, Klaus; Eberlein, Wolfgang; Engel, Wolfhard; Mihm, Gerhard; Doods, Henri; Wieland, Heike-Andrea; Willim, Klaus-Dieter; Krause, Juergen; Dollinger, Horst; et al.

PATENT ASSIGNEE(S): Dr. Karl Thomae GmbH, Germany

SOURCE: PCT Int. Appl., 308 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9417035	A1	19940804	WO 1994-EP109	19940118
W: AU, BG, BY, CA, CN, CZ, FI, HU, JP, KR, NO, NZ, PL, RO, RU, SK, UA				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 4301452	A1	19940721	DE 1993-4301452	19930120
DE 4326465	A1	19950209	DE 1993-4326465	19930806
AU 9458841	A1	19940815	AU 1994-58841	19940118
AU 683442	B2	19971113		
EP 680469	A1	19951108	EP 1994-905073	19940118
EP 680469	B1	20000426		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08505862	T2	19960625	JP 1994-516636	19940118
AT 192142	E	20000515	AT 1994-905073	19940118
FI 9503467	A	19950718	FI 1995-3467	19950718
NO 9502869	A	19950919	NO 1995-2869	19950719

PRIORITY APPLN. INFO.:
DE 1993-4301452 A 19930120
DE 1993-4326465 A 19930806
WO 1994-EP109 W 19940118

OTHER SOURCE(S): MARPAT 123:83996

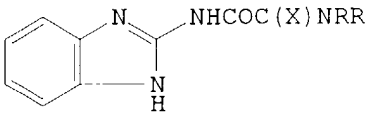
AB TZNR1CR2R3COY(CH2)nR [n = 0-5; R = H, OH, (substituted) Ph, naphthyl, aminophenyl, aminonaphthyl, hydroxyphenyl, hydroxynaphthyl, diphenylmethyl, heteroaryl, cycloalkyl, etc.; Y = O, NR4; R1, R4 = H, alkyl, cycloalkyl, (substituted) Ph, PhCH2; R2 = substituted alkyl, Ph, PhCH2; R3 = H, alkyl, cycloalkyl; T = H, Ph, (substituted) heteroaryl, protecting group, etc.; Z = bond, CO, CH2, SO, SO2], were prepared Thus, H-D-Arg(NO2)-OH in THF was treated with aqueous NaOH and then with Ph2CHCOCl to give 85% amide. This in THF was treated with N-methylmorpholine, iso-Bu chloroformate, and 4-(aminomethyl)acetanilide under cooling to give 63% (R)-N-[[4-(acetylamino)phenyl]methyl]-N5-[amino(nitroimino)methyl]-N2-(diphenylacetyl)ornithinamide. This was hydrogenated in aqueous HOAc over Pd to give (R)-N-[[4-(acetylamino)phenyl]methyl]-N2-diphenylacetylargininamide acetate. Title compds. antagonized neuropeptide Y-induced effects on blood pressure in rats at 0.01-10 mg/kg.

IT **164643-46-3P 164643-51-0P 164645-29-8P 164645-31-2P 164645-32-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino acid derivs. as neuropeptide Y antagonists)

RN 164643-46-3 CAPLUS

CN 2-Naphthalenecarboxamide, N-[1-[[[(4-hydroxyphenyl)methyl]amino]carbonyl]-4-(1H-imidazol-2-ylamino)butyl]- (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 1991:62000 CAPLUS
DOCUMENT NUMBER: 114:62000
TITLE: Synthesis, antilipidemic and platelet antiaggregatory activity of 2-aminobenzimidazole amide derivatives
AUTHOR(S): Caroti, P.; Ceccotti, C.; Da Settimo, F.; Primofiore, G.; Franzone, J. S.; Reboani, M. C.; Cravanzola, C.
CORPORATE SOURCE: Ist. Chim. Farm., Univ. Pisa, Pisa, Italy
SOURCE: Farmaco (1989), 44(3), 227-55
CODEN: FRMCE8; ISSN: 0014-827X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 114:62000
GI

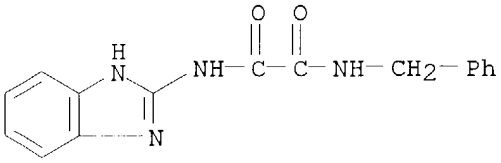


I

AB The synthesis and preliminary pharmacol. evaluation of title compds. (e.g., I, X = O, H2; NRR = NEt2, pyrrolidino, piperidino, morpholino) from 2-aminobenzimidazole and related compds. are reported. None of these compds. showed antilipidemic or platelet aggregation inhibiting activity comparable to that of drugs used in therapy.

IT **131705-55-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

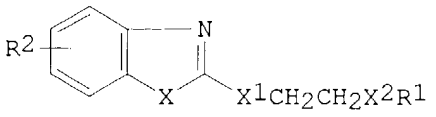
RN 131705-55-0 CAPLUS
CN Ethanediamide, N-1H-benzimidazol-2-yl-N'-(phenylmethyl)- (9CI) (CA INDEX NAME)

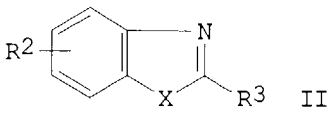


L4 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1986:129903 CAPLUS
DOCUMENT NUMBER: 104:129903
TITLE: Benzimidazoles and benzothiazoles
INVENTOR(S): Irikura, Tsutomu; Shiba, Toshie; Abe, Yasuo; Matsukubo, Hiroshi; Sekiguchi, Haruo; Tsuru, Kiyoshi
PATENT ASSIGNEE(S): Kyorin Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60149569	A2	19850807	JP 1984-3487	19840113

PRIORITY APPLN. INFO.: JP 1984-3487 19840113
OTHER SOURCE(S): CASREACT 104:129903
GI

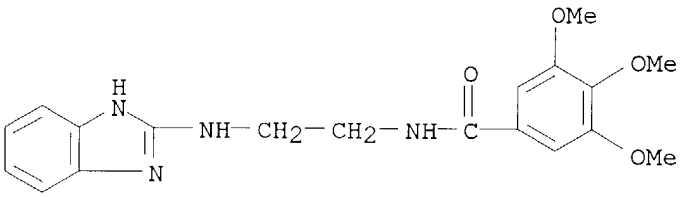

I


II

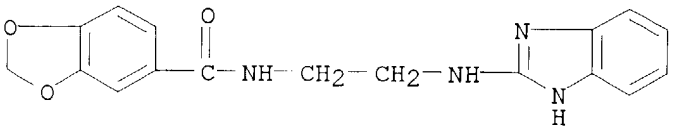
AB The title compds. I [X, X1 = NH, S; X2 = NH, SCH2; R1 = substituted benzoyl, 2-guanidinothiazol-4-yl, C(:NCN)NHMe; R2 = H, halo] were prepared, e.g., by condensation of the halo compds. II (R3 = halo) with HX1CH2CH2X2R1 (III). Thus, refluxing a mixture of 20.6 g II (R2 = H, R3 = halo), 68.7 g III [X1 = X2 = NH, R1 = COC6H4(OMe)3-3,4,5], in 570 mL PhMe for 23 h gave, after treatment with 6 N HCl, 42.7 g I (R1, R2, X, X1, X2 same as in reactants). I had stomach acid secretion-inhibiting activity comparable to that cimetidine.

IT **100325-93-7P 100325-94-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as stomach secretion inhibitor)

RN 100325-93-7 CAPLUS
CN Benzamide, N-[2-(1H-benzimidazol-2-ylamino)ethyl]-3,4,5-trimethoxy- (9CI) (CA INDEX NAME)

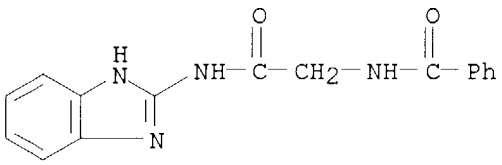


RN 100325-94-8 CAPLUS
CN 1,3-Benzodioxole-5-carboxamide, N-[2-(1H-benzimidazol-2-ylamino)ethyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1975:409872 CAPLUS
DOCUMENT NUMBER: 83:9872
TITLE: Cyclodehydration of N-[(2-heteroarylcarbamoyl)methyl]benzamides. Preparation of 5-(heteroarylamino)oxazoles
AUTHOR(S): Glennon, R. A.; Van Strandtmann, M.
CORPORATE SOURCE: Sch. Pharm., Northeast Univ., Boston, MA, USA
SOURCE: Journal of Heterocyclic Chemistry (1975), 12(1), 135-8
CODEN: JHTCAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal

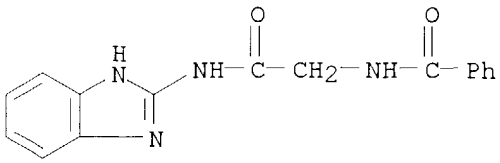
LANGUAGE: English
OTHER SOURCE(S): CASREACT 83:9872
GI For diagram(s), see printed CA Issue.
AB The cyclodehydration of N-[heteroarylcarbamoyl)methyl]benzamides RNHCOCH2NHBz (R= 2-indolyl, 2-pyridyl, 2-quinolyl, 2-pyrimidinyl, 2-thiazolyl, etc.) gave 5-(heteroarylamino)oxazoles I. RNHCOCH2NHBz was prepared from RNH2 and 2-phenyl-5-oxazolone.
IT **35056-23-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclodehydration of, aminophenyloxazoles by)
RN 35056-23-6 CAPLUS
CN Benzamide, N-[2-(1H-benzimidazol-2-ylamino)-2-oxoethyl]- (9CI) (CA INDEX NAME)



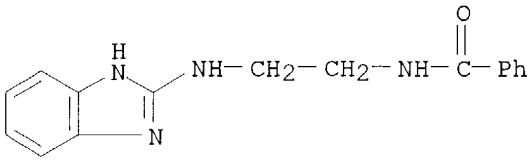
L4 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1972:59602 CAPLUS
DOCUMENT NUMBER: 76:59602
TITLE: 2-Substituted 5-heteroarylaminooxazoles
INVENTOR(S): Von Strandtmann, Maximilian
PATENT ASSIGNEE(S): Warner-Lambert Co.
SOURCE: U.S., 5 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3624097	A	19711130	US 1969-843762	19690722
US 3717642	A	19730220	US 1971-151553	19710609

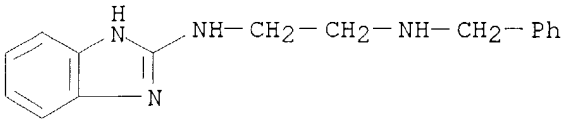
PRIORITY APPLN. INFO.: US 1969-843762 19690722
GI For diagram(s), see printed CA Issue.
AB The title compds. (I) were prepared and used to treat skeletal muscle spasms. For example, 1 g 2-aminopyridine and 1.75 g 2-phenyl-2-oxazolin-5-one in 50 ml THF was refluxed 9 hr to give 21% N-[(2-pyridylcarbamoyl)methyl]benzamide (II). II (5 g) was added to 100 g PPE (sic) and the mixture stirred 45 hr, poured over 300 ml ice, and basified with NH4OH to give 32% I (R=2-pyridyl). Eight other I (R=heteroaromatic, e.g. benzothiazolyl, quinolyl, or indolyl) and intermediates were prepared similarly.
IT **35056-23-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 35056-23-6 CAPLUS
CN Benzamide, N-[2-(1H-benzimidazol-2-ylamino)-2-oxoethyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1972:25166 CAPLUS
DOCUMENT NUMBER: 76:25166
TITLE: Synthesis and rearrangement reactions of 2-(2-aminoanilino)-2-imidazoline derivatives
AUTHOR(S): Haerter, H. P.; Stauss, U.; Schindler, O.
CORPORATE SOURCE: Forschungsinst., Dr. A. Wander A.-G., Bern, Switz.
SOURCE: Helvetica Chimica Acta (1971), 54(7), 2114-21
CODEN: HCACAV; ISSN: 0018-019X
DOCUMENT TYPE: Journal
LANGUAGE: German
GI For diagram(s), see printed CA Issue.
AB 2-(2-Amino-4-chloroanilino)-2-imidazoline (I, R = Cl) and I (R = H) were prepared by addition of ethylenediamine to the corresponding o-nitrophenyl isothiocyanate followed by reduction of the NO2 group. I can be selectively acylated at the primary amine. Rearrangement in boiling xylene gave the corresponding 2-(2-aminoethylamino)benzimidazoles. Approx. 25 compds. were prepared by rearrangement and (or) derivative formation.
IT **34658-89-4P 34658-90-7P 34658-91-8P**
36215-24-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 34658-89-4 CAPLUS
CN Benzamide, N-[2-(1H-benzimidazol-2-ylamino)ethyl]- (9CI) (CA INDEX NAME)



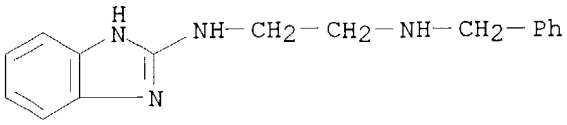
RN 34658-90-7 CAPLUS
CN 1,2-Ethanediamine, N-1H-benzimidazol-2-yl-N'-(phenylmethyl)-, dihydrobromide (9CI) (CA INDEX NAME)



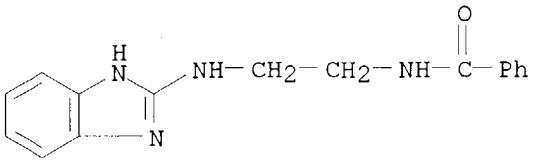
●2 HBr

RN 34658-91-8 CAPLUS

CN 1,2-Ethanediamine, N-1H-benzimidazol-2-yl-N'-(phenylmethyl)- (9CI) (CA INDEX NAME)



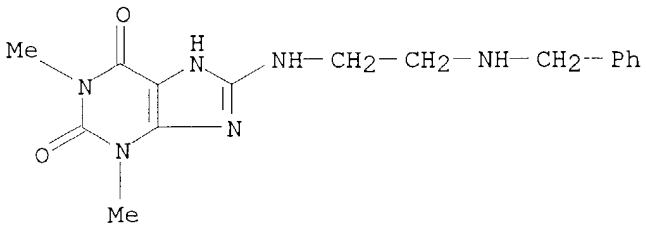
RN 36215-24-4 CAPLUS
CN Benzamide, N-[2-(1H-benzimidazol-2-ylamino)ethyl]-, monohydrobromide (9CI) (CA INDEX NAME)



● HBr

L4 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1968:486959 CAPLUS
DOCUMENT NUMBER: 69:86959
TITLE: 8-Substituted derivatives of theophylline
AUTHOR(S): Lespagnol, Albert; Tudo, Michele; Labiau, Odette; Robelet, Alfred; Bizard-Gregoire, N.
CORPORATE SOURCE: Lab. Pharm. Chim. Pharmacodyn., Fac. Med. Pharm., Lille, Fr.
SOURCE: Annales Pharmaceutiques Francaises (1968), 26(3), 207-14
CODEN: APFRAD; ISSN: 0003-4509
DOCUMENT TYPE: Journal
LANGUAGE: French
GI For diagram(s), see printed CA Issue.
AB 8-Substituted derivs. (I) of theophylline were prepared and hypotensive and spasmolytic properties discussed. Thus, 20 g. bromotheophylline (II) was refluxed 20-4 hrs. with 20 g. (NH2CH2)2 and worked up to give I (R = NHCH2CH2NH2) HCl salt (III), m. 328-9°. III (27 g.) was dissolved in a small amount of hot alkalinized H2O and 1 ml. BzH added dropwise to give after 24 hrs. 71% I (R = NHCH2CH2N:CHPh) (IV), m. 238-9° (absolute alc.-dioxane). IV (5 g.) was converted to I (RNHCH2CH2NHCH2Ph) (V), m. 170-2°, by Raney Ni reduction II (10 g.) was refluxed 1 hr. with 11.6 g. N,N-diethylethylenediamine to give 52% I (R = NHCH2CH2NEt2) (VI), m. 176°; methiodide m. 239°. I (R = NMeCH2CH2NMeCH2Ph) (VII), m. 158°, was prepared by refluxing a mixture of 23 g. HCO2H and 3.28 g. V with 3 ml. HCHO for 24 hrs.; methiodide m. 232°. Substitution in the 8-position of I did not modify the hypotensive and spasmolytic properties. The derivs. prepared have an important hypotensive activity and cause a spasmolytic action of the fibers similar to atropinic and papaverinic types.
IT **19899-53-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 19899-53-7 CAPLUS
CN Theophylline, 8-[[2-(benzylamino)ethyl]amino]- (8CI) (CA INDEX NAME)



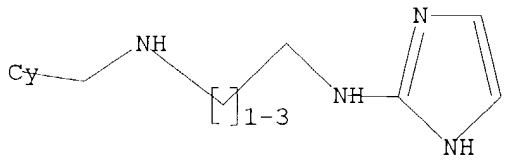
=> d his

(FILE 'HOME' ENTERED AT 09:22:11 ON 13 SEP 2004)

FILE 'REGISTRY' ENTERED AT 09:22:28 ON 13 SEP 2004
L1 STRUCTURE UPLOADED
L2 6 S L1
L3 76 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:23:26 ON 13 SEP 2004
L4 23 S L3

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

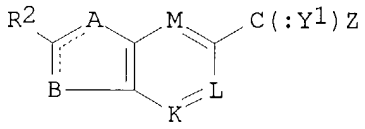
=> => d ibib abs hitstr

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:97397 CAPLUS
DOCUMENT NUMBER: 138:153436
TITLE: Preparation of indole-6-carboxamides and related compounds as hepatitis C viral polymerase inhibitors
INVENTOR(S): Beaulieu, Pierre Louis; Fazal, Gulrez; Goulet, Sylvie; Kukolj, George; Poirier, Martin; Tsantrizos, Youla S.; Jolicoeur, Eric; Gillard, James; Poupart, Marc-Andre; Rancourt, Jean
PATENT ASSIGNEE(S): Boehringer Ingelheim (Canada) Ltd., Can.
SOURCE: PCT Int. Appl., 336 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

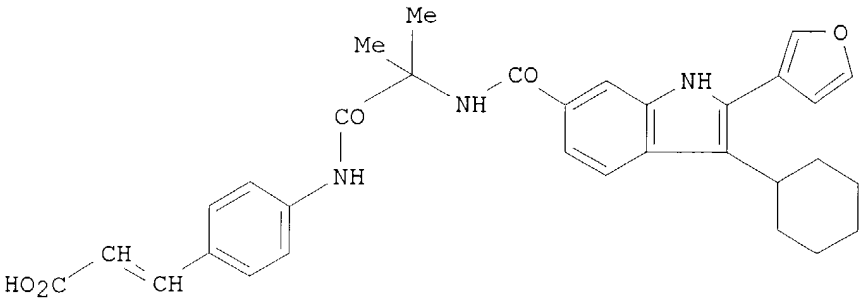
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010141	A2	20030206	WO 2002-CA1128	20020718
WO 2003010141	A3	20030530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003176433	A1	20030918	US 2002-198680	20020718
US 2004024190	A1	20040205	US 2002-198384	20020718
EP 1414797	A2	20040506	EP 2002-752904	20020718
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002011360	A	20040713	BR 2002-11360	20020718
PRIORITY APPLN. INFO.:			US 2001-307674P P	20010725
			US 2001-338061P P	20011207
			WO 2002-CA1128 W	20020718

OTHER SOURCE(S): MARPAT 138:153436

GI



I



II

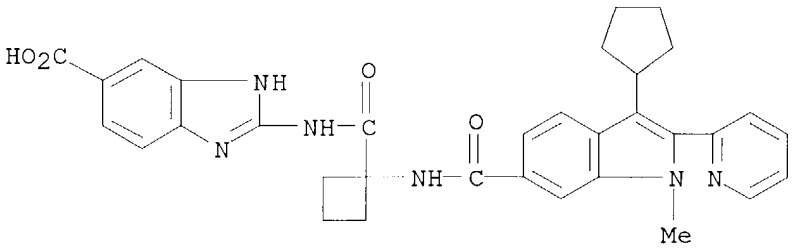
AB An isomer, enantiomer, diastereoisomer or tautomer of I (variables defined below; e.g. (E)-3-[4-[2-[[1-(3-cyclohexyl-2-furan-3-yl-1H-indol-6-yl)methanoyl]amino]-2-methylpropanoylamino]phenyl]acrylic acid (shown as II)), a salt or a derivative thereof, as inhibitors of HCV NS5B polymerase are claimed. For I: A is O, S, NR1, or CR1; solid line/dotted line combination = single or double bond; R2 = H, halogen, R21, OR21, SR21, COOR21, SO2N(R22)2, N(R22)2, CON(R22)2, NR22C(O)R22 or NR22C(O)NR22; B is NR3 or CR3, with the proviso that one of A or B is either CR1 or CR3; K is N or CR4; L is N or CR4; M is N or CR4; Y1 is O or S; Z is N(R6a)R6 or OR6, wherein R6a is H or alkyl or NR61R62; and R6 is H, alkyl, cycloalkyl, alkenyl, Het, alkyl-aryl, alkyl-Heterocycle or CR7R8C(:Y2)NR9Q; Y2 is O or

S; R9 is H, (C1-6)alkyl, (C3-7)cycloalkyl or (C1-6)alkyl-(C3-7)cycloalkyl, aryl, Het, (C1-6)alkyl-aryl or (C1-6)alkyl-Het, all of which optionally are substituted with R90; or R9 is covalently bonded to either of R7 or R8 to form a 5- or 6-membered heterocycle; other variables are defined in the claims. About 350 I were tested for inhibitory activity against the hepatitis C virus RNA dependent polymerase (NS5B), e.g. IC50 < 500 nM for II. Forty-five example prepns. of I and intermediates are included. For example, 3-cyclohexyl-2-(furan-3-yl)-1H-indol-6-carboxylic acid (0.16 mmol), (E)-3-[4-(2-Amino-2-methylpropanoylamino)phenyl]acrylic acid Et ester (0.019 mmol) and O-(7-azabenzotriazol-1-yl)-N,N,N',N'-tetramethyluronium hexafluorophosphate (0.32 mmol) were dissolved in DMSO (1 mL); iPr2EtN (0.8 mmol) was added; the mixture was stirred for 1 h at room temperature then treated with 2.5 N NaOH (0.3 mL) for 1 h at 50° to affect hydrolysis of the cinnamate ester function; the mixture was then acidified to pH 1 with trifluoroacetic acid and II was isolated by preparative reversed-phase HPLC (0.033 g). Preps. of the above reactants are also included.

IT **494857-90-8P**, N-(1-(((5-Carboxybenzimidazol-2-yl)amino)carbonyl)cyclobutyl)-1-methyl-3-cyclopentyl-2-(pyridin-2-yl)indole-6-carboxamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of indole-6-carboxamides and related compds. as hepatitis C viral polymerase inhibitors)

RN 494857-90-8 CAPLUS

CN 1H-Benzimidazole-5-carboxylic acid, 2-[[[1-[[[3-cyclopentyl-1-methyl-2-(2-pyridinyl)-1H-indol-6-yl]carbonyl]amino]cyclobutyl]carbonyl]amino]- (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 09:22:11 ON 13 SEP 2004)

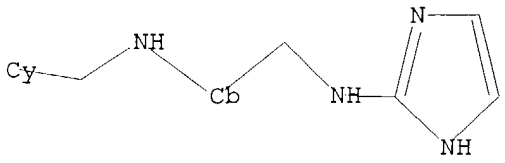
FILE 'REGISTRY' ENTERED AT 09:22:28 ON 13 SEP 2004
L1 STRUCTURE UPLOADED
L2 6 S L1
L3 76 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:23:26 ON 13 SEP 2004
L4 23 S L3

FILE 'REGISTRY' ENTERED AT 09:24:28 ON 13 SEP 2004
L5 STRUCTURE UPLOADED
L6 0 S L5
L7 1 S L5 FULL

FILE 'CAPLUS' ENTERED AT 09:26:27 ON 13 SEP 2004
L8 1 S L7

=> d l5
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=>

PALM INTRANET

Day : Monday
Date: 9/13/2004
Time: 09:02:40

Inventor Name Search Result

Your Search was:

Last Name = BERGE
First Name = JOHN

Application#	Patent#	Status	Date Filed	Title
60527229	Not Issued	020	12/05/2003	SUBSTITUTED THIOPHENES WITH ANTIBACTERIA
60527171	Not Issued	020	12/05/2003	SUBSTITUTED THIOPHENES WITH ANTIBACTERIA
60380870	Not Issued	159	05/17/2002	HINGED LID TRASH CAN FOR CURBSIDE REFUSE I
60364914	Not Issued	159	03/15/2002	OPTICAL SWITCH AND ATTENUATOR AND METH(
60362559	Not Issued	159	03/05/2002	FAULT TOLERANT FUEL CELL NETWORK POWER
60314598	Not Issued	159	08/24/2001	SYSTEM AND METHOD FOR OPERATING AN ELEC MARKETPLACE
29078343	D409151	150	10/21/1997	ELASTOMERIC SWITCH
10789811	Not Issued	019	02/27/2004	SUBSTITUTED THIOPHENES WITH ANTIBACTERIA
10774794	Not Issued	030	02/09/2004	ELECTRONIC SPEED CONTROL SYSTEM FOR FARM
10769736	Not Issued	020	01/29/2004	METHOD FOR DYNAMICALLY ALIGNING SUBSTR/ PRINTED REFERENCE MARKS AND CODES FOR AU OR SCORING, AND SUBSTRATES SO CUT OR SCOR
10729416	Not Issued	030	12/05/2003	2-NH-HETEROARYLIMIDAZOLES WITH ANTIBACT
10615346	Not Issued	071	07/07/2003	METHOD FOR ISOLATING TERPENE TRILACTONES BILOBALIDE) FROM LEAVES AND PHARMACEUTI(GINKGO BILOBA
10436985	Not Issued	030	05/14/2003	HINGED LID TRASH CAN FOR CURBSIDE REFUSE I
10341495	Not Issued	041	01/14/2003	SKID STEER LOADER BOOM AND BUCKET CONTR
10341461	6735889	150	01/14/2003	SKID STEER LOADER NEUTRAL DRIFT CORRECTI(

10341419	6618659	150	01/14/2003	BOOM/BUCKET HYDRAULIC FLUID SHARING MET
10341369	6757992	150	01/14/2003	SKID STEER LOADER BUCKET SHAKER
10194089	6590109	150	07/11/2002	METHOD FOR ISOLATING TERPENE TRILACTONES BILOBALIDE) FROM LEAVES AND PHARMACEUTI(GINKGO BILOBA
10079407	6601372	150	02/22/2002	STONE DETECTION METHOD AND APPARATUS FC
10032533	6513311	150	01/02/2002	AUTOMATIC CONFIGURATION OF DUAL CUTTER I WINDROWERS
09674102	6320051	150	10/26/2000	QUINOLONES USED AS MRS INHIBITORS AND BA(
09671968	Not Issued	161	09/29/2000	CENTRIFUGAL METHOD TO SEPARATE PARTICLE MEDIA
09507520	6360032	150	02/18/2000	TWO BEAM OPTICAL SWITCH AND ATTENUATOR USE
08776512	Not Issued	161	07/17/1997	ARYLOXY AND ARYLTHIOPROPANOLAMINE DERI BETA 3- ADRENORECEPTOR AGONISTS AND ANTA BETA 1 AND BETA 2- ADRENORECEPTORS AND PH COMPOSITION THEREOF
08641414	5834714	150	04/30/1996	DOUBLE ACTUATOR ELASTOMERIC SWITCH
08605093	Not Issued	163	03/08/1996	PHOSPHINIC ACID DERIVATIVES WITH ANTI-HYPI AND/OR ANTI- OBESITY ACTIVITY
08586769	Not Issued	161	02/14/1996	2-BENZOHETEROCYCLYLOXY OR THIOPROPANOI DERIVATIVES WITH ADRENO RECEPTOR AGONIS
08465486	5726165	250	06/05/1995	DERIVATIVES OF 4-(2-AMINOETHYL) PHENOXYMETHYL)-PHOSPHONIC AND - PHOSPHC PHARMACEUTICAL AND VETERINARY USES THEF
08464976	Not Issued	161	06/05/1995	NOVEL COMPOUNDS
08374745	5519006	150	03/30/1995	PHOSPHONATED ARYLETHANOLAMINE COMPOU ANTI-HYPERGLYCEMIC AND/OR ANTI-OBESITY A
07760405	5264436	150	09/16/1991	HETEROCYCLIC COMPOUNDS WHICH HAVE USEF PHARMACEUTICAL UTILITY.
07663393	5310750	150	03/01/1991	HETEROCYCLIC COMPOUNDS USEFUL AS @-ADRI ANTAGONISTS
07603608	5083976	150	10/26/1990	ADJUSTMENT OF A SHEAR BAR USING AN AIR-BO DETECTOR
07581202	5021445	150	09/10/1990	COMPOUNDS USEFUL FOR THE TREATMENT OF H

07551205	Not Issued	161	07/11/1990	NOVEL COMPOUNDS
07550072	Not Issued	164	07/09/1990	COMPOUNDS AND METHOD FOR THE TREATMEN OF HYPERGLYCAEMIA
07493351	5077299	150	03/14/1990	IMIDAZOLE SUBSTITUTED COMPOUNDS WHICH H PHARMACEUTICAL UTILITY
07451882	Not Issued	161	12/18/1989	COMBINATION GARMENT AND HAND PUPPET
07376140	4959374	150	07/06/1989	NOVEL COMPOUNDS
07260004	Not Issued	166	10/19/1988	NOVEL COMPOUNDS
07199519	Not Issued	161	05/27/1988	TERTIARY AMINES
07124902	4918083	150	11/24/1987	4,5 DIHYDROIMIDAZOLE COMPOUNDS WHICH HA PHARMACEUTICAL UTILITY
07047720	4861789	150	05/04/1987	NOVEL COMPOUNDS
07017002	4803293	150	02/18/1987	TERTIARY AMINES
07004597	4749300	150	01/20/1987	MULTI-FUNCTIONAL RECIPROCATING SHAFT COU
06936162	4863946	150	12/01/1986	2-[2H-(1,3-DIHYDROISOINDOLE)ALKYLENE]-4,5-DI AND PHARMACEUTICAL COMPOSITIONS THEREO
06916001	Not Issued	161	10/06/1986	AUTOMATICALLY OPTIMIZED NEBULIZER
06667757	Not Issued	166	11/02/1984	TERTIARY AMINES
06640850	4692465	250	08/15/1984	2-PHENYLETHYLAMINE DERIVATIVES
06595187	4530027	150	03/30/1984	POWER FAILURE PROTECTOR CIRCUIT
06221215	Not Issued	161	12/30/1980	TWO-PERSON SELECTIVELY ATTACHABLE BLANI

Search and Display More Records.

Search Another: Inventor

Last Name Berge **First Name** John

Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page